

CLAIMS ONLY

SERIAL NO.

FILING DATE

APPLICANT(S)

CLAIMS

| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | |
|--------------|----------|------|------------------------|------|------------------------|------|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 1 | / | | / | | | |
| 2 | | / | | / | | |
| 3 | | / | | / | | |
| 4 | / | | / | | | |
| 5 | | 2 | | | | |
| 6 | | 2 | | | | |
| 7 | | 1 | | / | | |
| 8 | | / | | / | | |
| 9 | | 2 | | / | | |
| 10 | | 2 | | / | | |
| 11 | | 4 | | | | |
| 12 | | 4 | | | | |
| 13 | | 4 | | | | |
| 14 | | 4 | | | | |
| 15 | | 4 | | | | |
| 16 | / | | / | | | |
| 17 | | / | | / | | |
| 18 | | / | | / | | |
| 19 | / | | / | / | | |
| 20 | | / | | / | | |
| 21 | / | | | | | |
| 22 | | / | | | | |
| 23 | / | | | | | |
| 24 | | / | | | | |
| 25 | | 2 | | | | |
| 26 | / | | | | | |
| 27 | | / | | | | |
| 28 | | 2 | | | | |
| 29 | / | | | | | |
| 30 | / | / | | | | |
| 31 | / | / | | | | |
| 32 | | / | | | | |
| 33 | | / | | | | |
| 34 | | 4 | | / | | |
| 35 | | 4 | | | | |
| 36 | | 4 | | | | |
| 37 | | 4 | | | | |
| 38 | / | | | | | |
| 39 | | / | | | | |
| 40 | / | | / | | | |
| 41 | | / | | / | | |
| 42 | | 4 | | / | | |
| 43 | | 4 | | / | | |
| 44 | | 4 | | / | | |
| 45 | | 4 | | / | | |
| 46 | | 4 | | / | | |
| 47 | | / | | | | |
| 48 | | / | | | | |
| 49 | / | | | | | |
| 50 | | / | | | | |
| TOTAL IND. | 13 | | 4 | | | |
| TOTAL DEP. | 22 | | 14 | | | |
| TOTAL CLAIMS | 35 | | 18 | | | |

| | * | | * | | * | |
|--------------|------|------|------|------|------|------|
| | IND. | DEP. | IND. | DEP. | IND. | DEP. |
| 51 | | / | | | | |
| 52 | / | | / | | | |
| 53 | | / | | / | | |
| 54 | | / | | | | |
| 55 | | / | | | | |
| 56 | | / | | | | |
| 57 | | / | | | | |
| 58 | | | | | | / |
| 59 | | | | | | / |
| 60 | | | | | | / |
| 61 | | | | | | / |
| 62 | | | | | | / |
| 63 | | | | | | / |
| 64 | | | | | | / |
| 65 | | | | | | / |
| 66 | | | | | | / |
| 67 | | | | | | / |
| 68 | | | | | | / |
| 69 | | | | | | / |
| 70 | | | | | | / |
| 71 | | | | | | / |
| 72 | | | | | | / |
| 73 | | | | | | / |
| 74 | | | | | | / |
| 75 | | | | | | / |
| 76 | | | | | | / |
| 77 | | | | | | / |
| 78 | | | | | | / |
| 79 | | | | | | / |
| 80 | | | | | | / |
| 81 | | | | | | / |
| 82 | | | | | | / |
| 83 | | | | | | / |
| 84 | | | | | | / |
| 85 | | | | | | / |
| 86 | | | | | | / |
| 87 | | | | | | / |
| 88 | | | | | | / |
| 89 | | | | | | / |
| 90 | | | | | | / |
| 91 | | | | | | / |
| 92 | | | | | | / |
| 93 | | | | | | / |
| 94 | | | | | | / |
| 95 | | | | | | / |
| 96 | | | | | | / |
| 97 | | | | | | / |
| 98 | | | | | | / |
| 99 | | | | | | / |
| 100 | | | | | | / |
| TOTAL IND. | 1 | | 1 | | | |
| TOTAL DEP. | 4 | | 2 | | | |
| TOTAL CLAIMS | 5 | | 3 | | | |

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

18 + 3 = 21

20 + 5

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-2022 (1-98)

U.S. GPO: 1998-443-503/80152

1644

| CLAIMS ONLY | | | | | | | SERIAL NO. 09/692,401 | FILING DATE 10/19/00 | |
|----------------|----------|------|---------------------|------|---------------------|------|-------------------------------|----------------------|---|
| Amndt. 7/14/03 | | | | | | | APPLICANT(S) Heidecker et al. | | |
| CLAIMS | | | | | | | | | |
| | AS FILED | | AFTER 1st AMENDMENT | | AFTER 2nd AMENDMENT | | * | * | * |
| | IND. | DEP. | IND. | DEP. | IND. | DEP. | | | |
| 1 | / | | | | | | | | |
| 2 | / | | | | | | | | |
| 3 | / | | | | | | | | |
| 4 | / | | | | | | | | |
| 5 | X | X | | | | | | | |
| 6 | X | X | | | | | | | |
| 7 | | / | | | | | | | |
| 8 | | / | | | | | | | |
| 9 | X | X | | | | | | | |
| 10 | | / | | | | | | | |
| 11 | X | X | | | | | | | |
| 12 | X | X | | | | | | | |
| 13 | X | X | | | | | | | |
| 14 | X | X | | | | | | | |
| 15 | X | X | | | | | | | |
| 16 | | / | | | | | | | |
| 17 | X | X | | | | | | | |
| 18 | | / | | | | | | | |
| 19 | | / | | | | | | | |
| 20 | | / | | | | | | | |
| 21 | / | / | | | | | | | |
| 22 | / | / | | | | | | | |
| 23 | / | / | | | | | | | |
| 24 | / | / | | | | | | | |
| 25 | / | / | | | | | | | |
| 26 | / | / | | | | | | | |
| 27 | / | / | | | | | | | |
| 28 | / | / | | | | | | | |
| 29 | / | / | | | | | | | |
| 30 | / | / | | | | | | | |
| 31 | / | / | | | | | | | |
| 32 | / | / | | | | | | | |
| 33 | / | / | | | | | | | |
| 34 | / | / | | | | | | | |
| 35 | / | / | | | | | | | |
| 36 | / | / | | | | | | | |
| 37 | / | / | | | | | | | |
| 38 | / | / | | | | | | | |
| 39 | / | / | | | | | | | |
| 40 | | / | | | | | | | |
| 41 | | / | | | | | | | |
| 42 | | / | | | | | | | |
| 43 | | / | | | | | | | |
| 44 | | / | | | | | | | |
| 45 | X | X | | | | | | | |
| 46 | / | / | | | | | | | |
| 47 | / | / | | | | | | | |
| 48 | / | / | | | | | | | |
| 49 | / | / | | | | | | | |
| 50 | / | / | | | | | | | |
| TOTAL IND. | | ↓ | | ↓ | | ↓ | | | |
| TOTAL DEP. | | ↓ | | ↓ | | ↓ | | | |
| TOTAL CLAIMS | | | | | | | | | |
| 51 | X | X | | | | | | | |
| 52 | X | X | | | | | | | |
| 53 | / | / | | | | | | | |
| 54 | / | / | | | | | | | |
| 55 | / | / | | | | | | | |
| 56 | / | / | | | | | | | |
| 57 | / | / | | | | | | | |
| 58 | | / | | | | | | | |
| 59 | | / | | | | | | | |
| 60 | | / | | | | | | | |
| 61 | | / | | | | | | | |
| 62 | | / | | | | | | | |
| 63 | | / | | | | | | | |
| 64 | | / | | | | | | | |
| 65 | | / | | | | | | | |
| 66 | | / | | | | | | | |
| 67 | | / | | | | | | | |
| 68 | | / | | | | | | | |
| 69 | | / | | | | | | | |
| 70 | | / | | | | | | | |
| 71 | | / | | | | | | | |
| 72 | | / | | | | | | | |
| 73 | | / | | | | | | | |
| 74 | | / | | | | | | | |
| 75 | | / | | | | | | | |
| 76 | | / | | | | | | | |
| 77 | | / | | | | | | | |
| 78 | | / | | | | | | | |
| 79 | | / | | | | | | | |
| 80 | | / | | | | | | | |
| 81 | | / | | | | | | | |
| 82 | | / | | | | | | | |
| 83 | | / | | | | | | | |
| 84 | | / | | | | | | | |
| 85 | | / | | | | | | | |
| 86 | | / | | | | | | | |
| 87 | | / | | | | | | | |
| 88 | | / | | | | | | | |
| 89 | | / | | | | | | | |
| 90 | | / | | | | | | | |
| 91 | | / | | | | | | | |
| 92 | | / | | | | | | | |
| 93 | | / | | | | | | | |
| 94 | | / | | | | | | | |
| 95 | | / | | | | | | | |
| 96 | | / | | | | | | | |
| 97 | | / | | | | | | | |
| 98 | | / | | | | | | | |
| 99 | | / | | | | | | | |
| 100 | | / | | | | | | | |
| TOTAL IND. | | ↓ | | ↓ | | ↓ | | | |
| TOTAL DEP. | | ↓ | | ↓ | | ↓ | | | |
| TOTAL CLAIMS | | | | | | | | | |

* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

U.S. GPO: 1998-443-593/89152